

GreenCircle Award Recipients

Bristol

ESPN, Inc. has incorporated LEED in its buildings. Its Digital Center 2 is a world-class television production facility that integrates sustainable and energy efficiency objectives alongside cutting edge technical sophistication. The building is a four-story facility with two floors of technicals production and studio space sandwiched between the basement and mezzanine levels housing the mission-critical electrical and cooling plants for the facility. This 194,000 square foot building has a USGBC LEED NC 2.2 target of "certified."

The combined leadership of ESPN stakeholders, the efforts of the consultant team and construction manager, The Associated Construction Company, along with some significant heavy-lifting on the part of YR&G resulted in this project being considered for a LEED "Certified" award.

Danbury

Cartus Conservation Committee has taken part in the City of Danbury's Adopt-A-Street program for the past nine years. From April through October, one day a month, they volunteer to clean a street in Danbury. The street which their Conservation Committee has adopted is directly adjacent to their facility thus ensuring the entrance to their roadway is well kept for all visitors to the site.

The Cartus Conservation Committee has placed recycled bottle and can dispensers around the building to capture recycled bottles and cans. The cans and bottles are taken to a local recycle center and money raised from this recycling effort is to support Cartus environmental programs.

Durham

The Durham Manufacturing Company converted two pre-treatment/wash lines over to a non-phosphate process during 2014. This conversion to a "green" system constitutes some additional work to manage the process in the facility but it also allows the company to eliminate the use of phosphate chemicals formerly used to clean oil off the products. During the conversion process, the company has saved approximately 3,200 kWh of electricity usage by eliminating air dryers/compressor usage. This process has allowed the company to eliminate the use and disposal of 3000 gallons of water each week by eliminating one cleaning stage (1500 gallons each) per wash. This equates to 150,000 gallons of water per year (3,000 gallons per week x 50 weeks).

The Chapman Manufacturing Company instituted a purchasing guideline for paper products including paper towels and copy paper, in addition to recycling all cardboard, oil, coolant and scrap metal. The guideline requires that the products contain recycled materials which has a positive effect on the environment as it helps to save trees and divert waste paper from landfills.

Although Chapman sends many shipments daily, it does not purchase any packing material and uses 100% re-used or recycled materials. Used office paper, catalogs, and old brochures are shredded daily to use as packing. Bubble wrap, air plus packing bags and packing peanuts are reused from shipments sent to Chapman or the company's team members can bring them from home.

East Hampton

Connecticut Yankee Atomic Power Company successfully completed the long-term groundwater monitoring program at its Haddam Neck Plant (HNP) located in Haddam Neck, Connecticut, and it is in the process of terminating its Stewardship permit. The termination of the company's Stewardship Permit documents the successful environmental restoration of the former nuclear reactor site and the completion of all the required federal and state corrective action measures necessary to release the site for unrestricted use.

East Hartford

The Robert J. O'Brien STEM Academy partnered with the Neag School of Education at the University of Connecticut to bring interns in the Master's program to develop inquiry based curriculum across the grades and subject areas. Charline DaSilva and Lindsey Volz, interns in the master's level, developed a composting program and curriculum for each grade to enrich student involvement in the school community and the STEM components: science, technology, engineering and mathematics.

Composting fosters environmental awareness in helping students understand the implications of waste and recycling in our society. As educational reform transitions schools to a new curriculum base, Coming Together as a Composting Community will expose students and teachers to new curricula, project-based learning, and state expectations.

Hartford

Colt's Manufacturing Company, LLC has eliminated the hazardous waste stream by replacing solvent based cleaning, degreasing, and corrosion inhibitor products with environmental and user friendly eco-solutions. The disposal of 3,600 gallons per year of solvent-based products has been eliminated and replaced with new Eco-friendly cleaners that generate 1,500 gallons per year of non-hazardous (CT regulated) waste, resulting in a reduction of generated waste produce by 58%.

Orange

Sam and Daniel Kruger are part of the No Butts About It (NBAI) cigarette litter campaign and helps raise awareness and provide solutions to the detrimental effects of this form of litter. Cigarette butt litter is the most prevalent form of litter and by addressing it raises awareness and reduces the amount of smokers who litter. Through the campaign, created in 1996 as a family effort, the Krugers send out letters, e-mails, make phone calls or visit businesses, government, and

individuals to alert them about the environmental hazards associated with dropping cigarette butts and advise them as to available solutions. The Campaign has been on-going since 1996 and they now partner with Keep America Beautiful (KAB) and CT State Parks Division. Some places that implement the program have had 50 percent or more decrease in littered butts.

Preston

Covanta Southeastern Connecticut Resource Recovery Facility: Covanta SECONN partnered with SCRRRA at Mystic Aquarium's Earth week to educate the public about reducing, reusing, and recycling. About 136 man hours were donated to support this event. Covanta SECONN has also conducted two Adopt-A-Highway work days for the section of Route 12 that leads to and from the facility.

Covanta SECONN has participated in local Household Hazardous Waste Collection Days that have been conducted in their region to educate the public about mercury containing devices and the proper disposal of these items.

Rocky Hill

The Connecticut Lottery Corporation provides Instant Ticket Dispensers made of plastic for lottery retailers. The company used to throw out the dirty ones and buy new ones, but now they clean them in an energy-efficient dishwasher and return them to the field. Since this program started in 2002, approximately 900 dispensers are recycled every year which prevents about 3,000 pounds of plastic from ending up in a landfill.

The CLC purchases green products. Employees work under fluorescent lights and use recycled paper in their printers and copiers, packaging envelopes and the Instant Tickets they produce. Binders are biodegradable. In the break rooms and at corporate functions, biodegradable plates, cups, and cutlery are used. Green soaps and cleaning products are supplied in their buildings. Green landscaping products are used on the grounds. Old records are sent to a document-shredding service to conserve landfill space. Lottery winners receive recyclable bags.

Trumbull

Anuj Sisodiya launched “Light It but Time It,” a program to help save energy during the holiday season by providing 250 electric timers and approaching 500 households during this time. Homeowners who left their holiday lights on throughout the day were consuming excess electricity that resulted in increased electricity bills. Anuj believed that the campaign has the potential to save about 1 million-kilowatt hours of power in Trumbull. This translates to 1.3 million pounds of carbon dioxide not being released into the environment.

Anuj’s efforts to implement the campaign and help save energy were recognized by the Town of Trumbull’s First Selectman and other local organizations. This campaign enhanced his self-confidence, project management, leadership and marketing skills, improved his communication and showed him the power of volunteerism and the change it can bring to a community.

Wallingford

Bristol Myers Squibb, Company in conjunction with the Wildlife Habitat Council, has actively participated in several environmental projects aimed to increase and enhance species habitat on its 180-acre property. The bluebird box program began formally in 2004 which included a few boxes with several employee volunteers. Since 2004, the program has expanded to include over 30 employee/contractor volunteers and 27 boxes on site. Teams of volunteers check the 27 boxes located around the Wallingford site on a weekly basis from mid-April to mid-July and report observations which include nesting activity, number of eggs and number of chicks hatched and fledged in addition to performing routine maintenance activities.

Recently a 10-year retrospective analysis was conducted to help determine if any changes in nesting patterns and bird populations had occurred over the last decade. It was found that the average success rate of 86% fledged from hatchlings over this 10-year period. The main reason for nest failure once the chicks hatched is most likely due to predation. House sparrows and ant invasions appeared to be the main reason for nest failure in the first few years; but in the past 3 years, there have been more incidents of nesting material and feathers below the box, indicating possible predation by raccoons. After the failure of several nests in this manner, metal baffles were attached to the poles or axle grease was applied to the poles to prevent nest attacks. These measures have been successful, as no further signs of disturbance were noted once these preventive measures were used.

Waterbury

Coilplus CT purchased a hybrid vehicle to reduce its emissions. The company purchased a CEE Tier 3 refrigerator that uses less energy per year than a 40 watt light bulb. Estimated energy cost is \$37/year. This is the industry's most energy efficient available.

Woodbridge

Dave Steinmetz is part of the No Butts About It (NBAI) cigarette litter campaign that helps raise awareness and provide solutions to the detrimental effects of this form of litter. Cigarette butt litter is the most prevalent form of litter and by addressing it raises awareness and reduces the amount of smokers who litter.

Through the campaign, created in 1996 as a family effort, the Steinmetz family send out letters, e-mails, make phone calls or visit businesses, government, and individuals to alert them about the environmental hazards associated with dropping cigarette butts and advise them as to available solutions. The Campaign has been on-going since 1996 and they now partner with Keep America Beautiful (KAB) and CT State Parks Division. Some places that implement the program have had 50 percent or more decrease in littered butts.